BLACK BOX NETWORK SERVICES

Firmware Revision Information

Product Code(s): *KVP4004A*

Product Name(s): *4Site Flex*

Date Modified: *January 20th, 2015*

Firmware 4.11 (October 29th, 2014)

Check File Integrity with MD5 and SHA-1 Checksum
Beginning with this release, the file integrity of the upgrade file can be checked with MD5 or SHA-1 checksum.

Changed Factory Setting for Computer USB Mouse Interface
In OSD COMPUTER / MOUSE/TOUCHSCREEN, the factory setting of the mouse interface has been changed from 'Rel' to 'Rel+Abs'. This setting is appropriate for MS-Windows (tm) 2000, XP and Vista (touch screen data are transmitted via the absolute coordinates interface).
For Windows (tm) versions 7 and later, set 'Rel+Abs+Touch' (touch screen data are transmitted via the digitizer interface). (Windows is a registered trademark of Microsoft Corporation)

Timeout Hotmouse
Improvement: The timeout of the hotmouse is effective in Win Mode too.
The timeout duration is configured in OSD SYSTEM / HOTMOUSE

Touchscreen ELO ELO-5501L
Improvement: Touchscreen monitor ELO-5501L is supported (VID = 04e7h, Pid = 0080h).

Touchscreen Operation
Improvement: The ease of use of operating the Switch by touchscreen has been increased.
The Hotmouse Menu is opened by tapping the touch screen twice, leaving your finger pressed on the screen after the second tap (short tap, holding tap), until the Hotmouse Menu opens. The Hotmouse Menu is closed by touching 'CLOSE'.
If the touch screen is touched outside the Hotmouse Menu, the device switches temporarily to the Hotmouse Cursor mode. This cursor is used in order to switch the active channel, the display mode and to move and resize windows. If the cursor has not been moved for some time, the device will switch back to Hotmouse Menu. The timeout duration is configured in OSD SYSTEM / HOTMOUSE

For working with a touch screen, connect the computers per USB (not PS/2) and set the mouse emulation mode to 'Rel+Touch' or 'Rel+Abs+Touch' in OSD COMPUTER / MOUSE

EDID Compatibility
Improvement: The compatibility with monitors that are very slow in delivering their EDID has been improved.

Background Color
New feature: The background color can be set to black without loosing the color defined by the user.
The background color is set in OSD CONSOLE / BACKGROUND

OSD Frame
Fix: Sometimes the frame of the OSD has been destroyed when the output resolution was changed in OSD / CONSOLE / VIDEO OUTPUT.

EDID Input Video Modes in Default Factory Settings
Now HDTV1080@60p and WUXGA 1920x1200@60p, digital, audio 7.1, are the default input video modes set as factory default settings.
The EDID input video modes can be changed in OSD COMPUTER / EDID/DDC

Fading Speed in Default Factory Settings
Now fading is not active in the factory default settings.
The fading speed can be changed in OSD CONSOLE / FADE

New Video Modes HDTV 1920x1080p25, HDTV 1920x1080p30
The two video modes HDTV 1920x1080p25, HDTV 1920x1080p30, as defined by CEA-861-E, are supported now, both analog and digital, at the input and output.
In order to have these new resolutions in an input edid, you have to write the input edid (OSD COMPUTER / EDID/DDC).

Video Mode HDTV 1920x1080p24 analog
The video mode HDTV 1920x1080p24 is supported now also for analog signal at the input.

Older Releases
New features, general improvements and fixes in 4.10 (Sept. 8th, 2014)
DCP/XML
DCP/XML (Device Control Protocol) has been enhanced to switch
- the audio transmission
- the presentation mode
- the transparent USB matrix

The user manual will get the hint that the transparent USB matrix is excluded from synchronization between devices in DCP mode 'Synchronize'.

Presentation Mode / Screen Saver and Channel Status Indication
The presentation mode is intended for presentations that must not be affected adversely by any OSD window on the monitor
In the OSD window CONSOLE / PRESENTATION, the presentation mode can be switched on or off. It can also be toggled by pressing both the front keys Quad and PiP. In presentation mode the display mode is signaled by white LEDs instead of green LEDs.
In presentation mode, the console mouse and hotkey will not open any OSD windows on the monitor (only 'Hotkey + O' for opening the top OSD window is deactivated separately). The hotmouse gesture, the channel indication, the channel status indication and the marking of channel borders in Win mode are all deactivated. In presentation mode, the OSD of the output video is not used for operating the device, and the USB matrix is switched without giving warnings for memory devices. The hotkeys Numpad + and Numpad – both change the audio volume without OSD. All front keys keep their normal behaviour.

Cross channel switching can not be used in presentation mode.

If 'Hotkey + O' for opening the top OSD window is deactivated, the OSD can still be opened by the front keys (PiP + Win), or the device settings can be made with the utility ConfDev.

If not in presentation mode, the hotmouse detection and the channel indication can be switched off separately. The presentation mode can be activated in security levels 4 and lower.

These hotkeys are completely deactivated in presentation mode:

I	open OSD PiP
M	open / close Hotmouse
O	open OSD (if deactivated in OSD window Presentation Mode)
Q	indication of active channel (if in quad mode)
U	connect USB port
V	switch to safe video mode

These hotkeys work without OSD window in presentation mode:

F1, F2, F3, F4	connect USB port (without warnings)
+, -	change audio volume
→ ← ↑ ↓	switch active channel (Quad mode only, no indication on screen)

These hotkeys work without change in presentation mode:

F	switch to full screen mode
O	open OSD (if activated in OSD window Presentation Mode)
P	switch to PiP mode
Q	switch to quad mode (if not in quad mode)
T	toggle transparency (Win mode only)
W	switch to Win mode
W+1, W+2, W+3, W+4	switch to submode of Win mode